

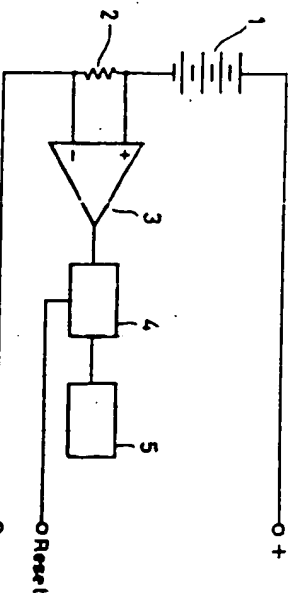
H01M10/42

## (54) BATTERY CHARGER PACK

- (11) 4-98769 (A) (43) 31.3.1992 (19) JP  
 (21) Appl. No. 2-216157 (22) 16.8.1990  
 (71) NEC CORP (72) JO MORISHITA  
 (51) Int. Cl.<sup>5</sup> H01M10/42

**PURPOSE:** To ensure the easy control of a battery by automatically indicating a charge frequency on a battery charger pack.

**CONSTITUTION:** The polarity of a voltage drop generated across a micro resistor 2 is reversed between charge and discharge processes. Voltage across the micro resistor 2 is inputted to a comparator 3, and output therefrom turns into a pulse signal reversing every time the polarity of the voltage drop changes. The output from the aforesaid comparator 3 is inputted to a counter 4, and counted. Then, output from the counter 4, or a charge frequency is always displayed as a value with a display 5.



## (54) CHARGING TYPE ELECTRICAL EQUIPMENT

- (11) 4-98770 (A) (43) 31.3.1992 (19) JP  
 (21) Appl. No. 2-214090 (22) 13.8.1990  
 (71) NIHON FUJITSUPUSU K.K. (72) HIROSHI ISHIKAWA  
 (51) Int. Cl.<sup>5</sup> H01M10/46

**PURPOSE:** To protect a user against an electric shock due to a live plug or pin by completely covering the unused portions of a slide plug and a power input pin with a slide cover at all times.

